

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S56	405	347/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:24
S57	405	S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:24
S58	320	S57 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:25
S59	403	347/61.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:25
S60	403	S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:25
S61	344	S60 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/01 14:26
S64	886	338/333.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:17
S65	7	(heater resistor (heater adj resistor) (heating adj (element device))) same (actuation activation) near energy same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:37

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S66	551	(heater resistor (heater adj resistor) (heating adj (element device))) same (actuation activation) near energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:23
S67	406	347/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:21
S68	406	S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:21
S69	404	347/61.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:21
S70	404	S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:22
S71	65	S66 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:27
S72	0	(heater resistor (heater adj resistor) (heating adj (element device))) same (actuation activation) near energy same less adj than near "180" adj nanojoules	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:24
S73	26	S66 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:24

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S74	283	(heater resistor (heater adj resistor) (heating adj (element device))) with (actuation activation) near energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:03
S75	0	S64 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:27
S76	65	S68 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:28
S77	26	S70 and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:28
S78	1369	347/54.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:28
S79	1369	S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:29
S80	980	347/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:30
S81	980	S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:31

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S82	29	S66 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:33
S83	35	S66 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:33
S84	4	(heater resistor (heater adj resistor) (heating adj (element device))) with (actuation activation) near energy same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:38
S85	1038	(heater resistor (heater adj resistor) (heating adj element)) same (actuation activation) same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:09
S86	7	(heater resistor (heater adj resistor) (heating adj element)) same (actuation activation) near energy same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:41
S87	0	(actuation activation) near energy same heating adj element same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:43
S88	7	(actuation activation) near energy same ((heating adj element) heater resistor (heater adj resistor)) same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:43
S89	35	(actuation activation) near energy same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:51

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S90	597	347/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:45
S91	597	S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:49
S92	1	S89 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:50
S93	35	(actuation activation) near energy same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 10:51
S94	8	actuation near energy same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:01
S95	1314	347/14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:04
S97	2	S66 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:05
S98	2	S74 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:05

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S99	2	S68 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:09
S10 1	0	S70 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:10
S10 2	5	S79 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:12
S10 3	7	S81 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:13
S10 4	3	S85 and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:13
S10 5	2	S85 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:13
S10 7	0	(signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time (time adj period)) same less near than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:36
S10 8	3863	(signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time (time adj period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:22

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S10 9	5	S68 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:38
S11 0	1	S70 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:39
S11 1	0	S79 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:39
S11 2	4	S81 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:41
S11 3	3	S90 and S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 14:41
S11 4	8	("4313124" "4345262" "4517444" "4646105" "5206659" "5214450" "5444475" "5479196").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 14:45
S11 5	1	("5729260").URPN.	USPAT	OR	ON	2007/10/02 15:01
S11 6	1	("5729260").URPN.	USPAT	OR	ON	2007/10/02 15:02
S11 7	3	("5706041" "5841452" "6039425").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 15:13
S11 8	2	("6692108").URPN.	USPAT	OR	ON	2007/10/02 15:15
S11 9	4	("4490728" "5218376" "5477246" "5729260").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 15:26
S12 0	5	("6447085").URPN.	USPAT	OR	ON	2007/10/02 15:19

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S12 1	5	("6447085").URPN.	USPAT	OR	ON	2007/10/02 15:24
S12 2	3	("5706041" "5841452" "6039425").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 15:24
S12 3	8	("4313124" "4345262" "4517444" "4646105" "5206659" "5214450" "5444475" "5479196").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/02 15:28
S12 4	2	JP-60234565-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:43
S12 5	2	JP-62094347-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 16:43
S12 6	114	(activation actuation) near energy same apply\$3 same (heater resistor (heating adj (element device)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:10
S12 7	42	S68 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:06
S12 8	37	S126 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:06
S12 9	14	(activation actuation) near (pulse signal) same apply\$3 same (heater resistor (heating adj (element device))) same (signal pulse) near (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:11

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S13 0	3863	(signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:23
S13 1	5	S68 and S130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:23
S13 2	14	(actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:24
S13 3	0	S68 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:24
S13 4	0	S70 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:24
S13 5	0	S79 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:25
S13 6	0	S81 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:25
S13 7	0	S90 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:25
S13 8	0	S95 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:25

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S13 9	0	S95 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (signal pulse) near (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:26
S14 0	0	S90 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (signal pulse) near (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:26
S14 1	0	S81 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (signal pulse) near (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:26
S14 2	0	S79 and (actuation activation excitation) near (signal pulse) near apply\$3 same (heater resistor (heating adj (element device))) same (signal pulse) near (duration time).clm.	US-PGPUB	OR	ON	2007/10/02 17:26
S14 3	0	apply\$3 near (actuate\$3 activate\$3 excite\$3) near (signal pulse energy) same less adj than near "180" adj nanojoules	US-PGPUB	OR	ON	2007/10/02 17:30
S14 4	0	S68 and apply\$3 near (actuate\$3 activate\$3 excite\$3) near (signal pulse energy) same less adj than near "180" adj nanojoules.clm.	US-PGPUB	OR	ON	2007/10/02 17:30
S14 5	0	S68 and (actuate\$3 activate\$3 excite\$3) near (signal pulse energy) same less adj than near "180" adj nanojoules.clm.	US-PGPUB	OR	ON	2007/10/02 17:30
S14 6	0	S70 and (actuate\$3 activate\$3 excite\$3) near (signal pulse energy) same less adj than near "180" adj nanojoules.clm.	US-PGPUB	OR	ON	2007/10/02 17:30
S14 7	0	(actuate\$3 activate\$3 excite\$3) near (signal pulse energy) same less adj than near "180" adj nanojoules.clm.	US-PGPUB	OR	ON	2007/10/02 17:31
S14 8	0	(actuate\$3 activate\$3 excite\$3) near (signal pulse energy) same less adj than near "180" adj nanojoules	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:31

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S14 9	0	actuation near energy same (heater resistor (heating adj element)) same less adj than near "180" adj (nJ nanojoules)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/02 17:33
S15 0	0	S68 and actuation near energy same (heater resistor (heating adj element)) same less adj than near "180" adj (nJ nanojoules).clm.	US-PGPUB	OR	ON	2007/10/02 17:33
S15 1	0	S79 and actuation near energy same (heater resistor (heating adj element)) same less adj than near "180" adj (nJ nanojoules).clm.	US-PGPUB	OR	ON	2007/10/02 17:33
S15 2	0	S79 and actuation near energy same (heater resistor (heating adj element)) same less adj than near "180" adj (nJ nanojoules).clm.	US-PGPUB	OR	ON	2007/10/02 17:33
S15 3	0	S81 and actuation near energy same (heater resistor (heating adj element)) same less adj than near "180" adj (nJ nanojoules).clm.	US-PGPUB	OR	ON	2007/10/02 17:33
S15 4	0	S90 and actuation near energy same (heater resistor (heating adj element)) same less adj than near "180" adj (nJ nanojoules).clm.	US-PGPUB	OR	ON	2007/10/02 17:33
S15 5	0	S95 and actuation near energy same (heater resistor (heating adj element)) same less adj than near "180" adj (nJ nanojoules).clm.	US-PGPUB	OR	ON	2007/10/02 17:33

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:42
L2	1372	347/54.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:27
L3	1372	L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:27
L4	982	347/56.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:27
L5	982	L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:27
L6	406	347/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L7	406	L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L8	406	347/62.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28

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L9	406	L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L10	599	347/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L11	599	L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L12	1323	347/15.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L13	1323	L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L14	1212	347/11-12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L15	1212	L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:28
L16	1318	347/14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:29

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L17	1318	L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:29
L18	0	3 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30
L19	0	3 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L20	0	5 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30
L21	0	7 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30
L22	0	9 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30
L23	0	11 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30
L24	0	13 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30

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L25	0	15 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30
L26	0	17 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:30
L27	0	5 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L28	0	7 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L29	0	9 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L30	0	11 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L31	0	12 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L32	0	13 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31

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L33	0	15 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L34	0	17 and ((heating adj (element device)) heater resistor) same (activate\$3 actuate\$3 excite\$3) near (signal pulse energy) same (duration time) near less adj than near "2" adj microseconds.clm.	US-PGPUB	OR	ON	2007/10/04 13:31
L35	0	(heater resistor (heating adj element)) same (activation actuation exictation) near (energy pulse signal) same "180" adj nanonjoules	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:34
L37	2233	(heater resistor (heating adj element)) same (activation actuation exictation) near (energy pulse signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:41
L38	2518	(actuation activation excitation heating) near (energy signal pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:36
L39	116	37 and 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L40	0	3 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L41	0	5 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37

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L42	0	7 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L43	0	9 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L44	0	11 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L45	0	13 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L46	0	15 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L47	0	17 and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:37
L48	11	"347"/\$.ccls. and 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:38
L49	710	((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:43

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L50	0	3 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:16
L51	9	5 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 13:47
L52	12	7 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:00
L53	12	9 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:01
L54	6	11 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:03
L55	10	13 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:06
L56	13	15 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:10
L57	29	17 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:15

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L58	404	347/61.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:10
L59	404	L58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:10
L60	4	59 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/04 14:15
L61	0	3 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:17
L62	0	5 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:17
L63	1	7 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:17
L64	0	59 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:18
L65	0	11 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:18

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L66	0	13 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:18
L67	0	15 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:18
L68	0	17 and ((heating adj (element device)) heater resistor) same (activation actuation excitation heating) near (signal pulse energy) same (signal energy pulse) near (duration time width).clm.	US-PGPUB	OR	ON	2007/10/04 14:18